



Photon Conversion Efficiency at CDF

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Abstract

Cdf has never had a program whose goal was a systematic study and understanding of the efficiency for reconstruction of photon detection through the conversion process. Here a first attempt is proposed: the conversion reconstruction efficiency has been extracted from the data, focusing on the process $D_0^* \rightarrow D_0\gamma$ and then basing its overall scale on another well measured quantity: the decay of the charged $D^* \rightarrow D_0\pi$.